| Index of | f Claims |
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| Application No.     | Applicant(s)   |  |
|---------------------|----------------|--|
| 10/604,102          | STEEGAN ET AL. |  |
| Examiner            | Art Unit       |  |
| George C. Eckert II | 2815           |  |

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|   | Allowed  | ÷ | Restric             |

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| Restricted                     | ı | Interference |

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| Cla  | aim      | Date     |               |          |          |                 |          |          | Cla      | aim      | -            |          | C  | Date   |                   |          |             | :::[          | С        | laim               |          |          |          | D  | ate      |          |          |          |          |          |          |
|--|----------|----------|---------------|----------|----------|-----------------|----------|----------|----------|----------|--------------|----------|--|--------|-------------------|----------|-------------|---------------|----------|--------------------|----------|----------|----------|--|----------|----------|----------|----------|----------|----------|----------|
|  | <u></u>  | 4        |               |          |          |                 |          |          |          |          |              | <u>_</u> |  |        |                   |          |             | 1 1           |          |                    | _        | <u>a</u> |          |  |          |          | ١        |          |          |          |          |
| Final  | Original | 9/30/04  |               |          |          |                 |          |          |          |          | Final        | Original |  |        |                   |          |             |               |          |                    | Final    | Original |          |  | ŀ        |          | -        | ļ        |          |          |          |
| 证  | Ö        | 9/3      |               |          |          |                 |          |          |          |          | ፲፫           | ō        |  |        |                   |          |             |               | .        |                    | ΙĪ       | Ö        |          |  |          |          |          | ı        |          | -        |          |
|  |          | _        |               | _        |          |                 | _        | _        | $\bot$   | 4::::    |              |          | _  | 4      | Ш                 | $\perp$  |             | $\sqcup$      | _        |                    |          |          |          | -  -   | 4        | _        | 4        | _        | $\dashv$ | -        | 4        |
| <u></u>  | 1_       | 1        |               | 4        | _        | _               | _        | _        | $\perp$  | 4::::    | <u> </u>     | 51       | _  | +-     |                   |          |             | $\vdash$      | _        |                    |          | 101      | $\dashv$ | -  |          | -        | -        | -        | -        | -+       | 4        |
|  | 2        | 0        | $\dashv$      | 4        | _        | _               |          | _        | _        | -        | <u> </u>     | 52       | $\dashv$   | +-     | Н                 |          |             | +             | $\dashv$ |                    |          | 102      | -        | -  | +        | -+       | -        | -        | +        | -        |          |
|  | 3        | 0        | $\dashv$      | 4        |          | _               | -        | _        | -        | - ::::   |              | 53       | -  | -      | Н                 |          | -           | +             | ᅴ        |                    |          | 103      |          | -  | -        | $\dashv$ | -        | -        | +        | -        | 4        |
|  | 4        | 0        | $\dashv$      | 4        | $\dashv$ | _               | $\dashv$ | -        |          | 4        |              | 54       |  | +      | Н                 |          | +           | ++            |          |                    |          | 104      | -        | +  | +        | -        | +        | -+       | +        | $\dashv$ | $\dashv$ |
| ļ  | 5        | 0        |               | 4        | _        | _               | -        | .        |          | -        |              | 55       | -  | +-     | Н                 |          | +           | ++            | $\dashv$ |                    |          | 105      | -        | -  | +        | -        | +        | +        | +        | -        | $\dashv$ |
| <u> </u>   | 6        | 1        | $\vdash$      | -        |          |                 | $\dashv$ | +        |          | -        |              | 56<br>57 | -  |        | $\vdash$          |          |             | +             | $\dashv$ |                    |          | 107      |          | -+   | +        | $\dashv$ | -        | -+       |          | +        | $\dashv$ |
|  | 8        | 1        | $\vdash$      |          | $\dashv$ | $\dashv$        | -+       | $\dashv$ | +        | -        |              | 58       |  | +      | Н                 |          | +-          | +             | $\dashv$ |                    |          | 107      |          | -+   | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$ |
|  | 9        | 1        | $\vdash$      | $\dashv$ |          |                 | -+       | $\dashv$ | +        | -        |              | 59       |  | +      | Н                 |          | +           | ++            | $\dashv$ |                    |          | 109      | -        |  | +        | $\dashv$ | $\dashv$ | $\dashv$ | +        |          | $\dashv$ |
|  | 10       | 1        | -+            | -        | -        |                 | -+       | $\dashv$ |          | $\dashv$ |              | 60       |  | +      | Н                 |          |             | +             | $\dashv$ |                    |          | 110      | $\dashv$ | -  | ╅        | -        | -+       | $\dashv$ | +        | +        | $\dashv$ |
| _  | 11       | <b>√</b> | $\dashv$      |          |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |              | 61       |  | +      | $\vdash$          | +        | +           | +             | $\dashv$ |                    |          | 111      | $\vdash$ | +  | $\dashv$ |
| <del></del>                                      | 12       | 1        | $\vdash$      |          | $\dashv$ | -               | $\dashv$ | $\dashv$ | +        | -        | -            | 62       | +  | +      | $\vdash$          | $\vdash$ | +           | 1-1           | $\dashv$ |                    |          | 112      | H        | $\dashv$   | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ |
| <b> </b>   | 13       | 1        | $\dashv$      | -        |          | $\vdash$        | $\dashv$ | $\dashv$ | +        | $\dashv$ | <del> </del> | 63       | +  | +      | $\vdash$          | $\vdash$ | +           | 1 1           | ᅱ        |                    |          | 113      | $\vdash$ | 十  | $\dashv$ | $\dashv$ | -+       | -+       | $\dashv$ | +        | $\dashv$ |
| <del> </del>                                     | 14       | 1        | $\vdash$      | 一        | -        | $\vdash$        | -        | $\dashv$ | +        | $\dashv$ |              | 64       |  | ╁      | Н                 |          | +           | 1 1           | $\dashv$ |                    |          | 114      | $\vdash$ | $\dashv$   | $\dashv$ | 寸        | _        | _        | $\top$   | 1        | $\dashv$ |
| <b></b>  | 15       | ō        | $\vdash$      | -        | $\dashv$ | $\vdash \vdash$ |          | $\dashv$ | $\dashv$ | -        |              | 65       |  | +      | $\vdash$          | $\dashv$ | +           | † †           | $\dashv$ |                    | _        | 115      | Н        | $\dashv$   | +        | $\dashv$ | 寸        | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| <del></del>                                      | 16       | 0        | $\vdash$      | _        | $\dashv$ | $\dashv$        | $\dashv$ | +        |          | -        |              | 66       |  | 1      | _                 | $\dashv$ | _           | $\Box$        |          |                    |          | 116      |          | $\dashv$   | 十        | 7        | T†       | 寸        |          | 寸        | ⊣        |
| <del>                                     </del> | 17       | 0        | $\vdash$      |          |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |              | 67       | $\vdash$   | +      | Н                 |          |             | +             | 一        |                    |          | 117      | Н        | $\dashv$   |          | $\dashv$ | 寸        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 18       | 0        | $\vdash$      |          |          | $\vdash$        | $\dashv$ | -        | -        | -        |              | 68       | $\dashv$   | $\top$ |                   | $\vdash$ |             | 1 1           |          |                    |          | 118      |          | $\neg$   | _        | 寸        |          | 寸        | 十        | 寸        | ┪        |
|  | 19       | V        | $\vdash$      |          |          |                 | $\dashv$ | _        | $\dashv$ | -        | _            | 69       |  | 1      |                   | $\vdash$ | +           | 1 1           |          |                    |          | 119      |          |  | _        | 寸        | 寸        | _        | 寸        | 寸        | $\neg$   |
|  | 20       | V        | -             |          |          | $\dashv$        | $\dashv$ | -        |          | -        | <b>-</b>     | 70       |  | +      |                   | $\vdash$ | _           | 1 1           | $\dashv$ |                    |          | 120      |          |  | $\dashv$ | 寸        | $\dashv$ | $\dashv$ | 1        | _        | $\neg$   |
|  | 21       | V        | ┝             |          |          | H               | $\dashv$ |          |          | -        | ┢            | 71       | $\vdash$   | +      | H                 | ┰        |             | $\Box$        | 一        |                    |          | 121      |          |  | $\dashv$ | _        | $\dashv$ | $\dashv$ | 十        | $\dashv$ | $\dashv$ |
|  | 22       | 1        |               | _        |          |                 | _        | _        |          | -        |              | 72       |  | $\top$ | $\vdash$          | -        |             | T             | ヿ        |                    |          | 122      |          |  | $\top$   |          | 寸        | 寸        | 寸        | ヿ        | ╗        |
|  | 23       | V        |               | _        |          |                 | Ť        | _        | _        | ┦        |              | 73       |  | 1      | $\vdash$          | -        | _           | $\Box$        | ╛        |                    |          | 123      |          |  | _        | T        | ヿ        | $\neg$   | 寸        | _        |          |
|  | 24       | V        |               |          |          |                 | _        | $\neg$   | $\top$   |          |              | 74       |  | 1      | $\vdash$          |          |             | 177           | $\neg$   |                    |          | 124      |          |  | T        | 1        | 寸        | _        | $\neg$   | $\neg$   | ╗        |
|  | 25       | 1        | H             |          |          | П               |          | T        | 1        | 7        |              | 75       | $\vdash$   | $\top$ |                   |          | $\top$      | T             |          |                    |          | 125      |          |  | 丁        | 丁        | $\neg$   |          | T        |          |          |
|  | 26       | 1        | H             |          |          | П               |          |          | $\top$   |          |              | 76       | $\vdash$   | 1      |                   |          |             |               | $\neg$   |                    |          | 126      |          |  | $\neg$   | ヿ        | $\neg$   |          |          | İ        |          |
|  | 27       | t        |               |          |          |                 |          | T        |          |          |              | 77       |  |        | Г                 |          | _           | $\Box$        |          |                    |          | 127      |          |  | T        |          |          |          |          |          |          |
|  | 28       |          |               |          |          | П               |          |          |          |          |              | 78       |  | 1      |                   |          |             |               |          |                    |          | 128      |          |  |          |          |          |          |          |          |          |
|  | 29       |          | $\Box$        |          |          | П               |          |          |          | 7        |              | 79       |  |        |                   |          |             |               |          |                    |          | 129      |          |  |          |          |          |          |          |          |          |
|  | 30       |          |               |          |          | П               |          |          |          | 7        |              | 80       |  | T.,    |                   |          |             |               |          |                    |          | 130      |          |  |          |          |          |          |          |          | _]       |
|  | 31       |          |               |          |          | П               |          |          |          |          |              | 81       |  |        |                   |          |             |               |          |                    |          | 131      |          |  | $\perp$  |          |          |          |          |          | _        |
|  | 32       |          |               |          |          |                 |          |          |          |          |              | 82       |  |        |                   |          | $\perp$     | oxed          |          |                    |          | 132      |          |  | $\perp$  |          |          | _        |          |          |          |
|  | 33       |          |               |          |          |                 |          |          |          |          |              | 83       |  |        |                   |          |             | Ш             | _        |                    |          | 133      |          |  | _        |          |          |          |          |          | _        |
|  | 34       |          |               |          |          | Ш               |          |          |          |          | L            | 84       |  |        | $ldsymbol{\perp}$ |          |             |               | _        |                    |          | 134      |          | $\sqcup$   |          |          | _        | _        | _        | _        | _        |
|  | 35       |          |               |          |          | Ш               |          |          |          | _        | <u></u>      | 85       |  |        | <u> </u>          | $\sqcup$ | $\perp$     | $\perp \perp$ | _        |                    | L        | 135      | <u> </u> | $\sqcup$   | $\dashv$ | _        | _        |          | _        | _        | 4        |
|  | 36       | <u> </u> | Щ             |          |          | Ш               | Ш        | $\perp$  |          | _        | L            | 86       | $\vdash$   |        | <u> </u>          | $\sqcup$ | $\perp$     | 44            | _        |                    | L        | 136      | <u> </u> | $\sqcup$   | $\dashv$ | _        | _        |          | _        | _        | _        |
|  | 37       | <u> </u> | Ш             |          |          | Ш               | Ш        | $\perp$  | $\perp$  | 4:::     | <u> </u>     | 87       | $\sqcup \!\!\! \perp$                            |        | ــــ              | $\sqcup$ |             | $\bot$        |          |                    | <u> </u> | 137      | _        | $\sqcup$   | $\dashv$ | _        | _        |          | _        | _        | 4        |
|  | 38       | <u> </u> |               |          | L.       | Ш               |          |          | $\perp$  | _        | <u> </u>     | 88       | $\sqcup$   | $\bot$ | $ldsymbol{f eta}$ | $\sqcup$ |             | +             |          |                    | <u> </u> | 138      | _        | $\sqcup$   | $\dashv$ |          | _        |          | _        | _        | _        |
| <u> </u>   | 39       | <u> </u> | $\sqcup$      |          | <u>L</u> | Ш               | $\sqcup$ | $\Box$   | $\perp$  | 4        | <u></u>      | 89       | <u> </u>   | 4      | 1                 | $\sqcup$ | <b>_</b>  _ | +             |          |                    | <u> </u> | 139      |          | $\vdash \vdash$                                  | 4        |          |          |          | $\dashv$ | _        | 4        |
|  | 40       | -        | <u>  </u>     |          | _        | Ш               | $\sqcup$ |          | _ _      | _        | <u> </u>     | 90       | -  | _ _    | <del> </del>      |          | - -         | -             |          |                    | ļ        | 140      | _        | -  | -        | _        |          |          | -        | _        |          |
| <u> </u>   | 41       | _        | $\sqcup$      |          |          | Щ               | Щ        |          | $\perp$  | 4        | <u></u>      | 91       | <del>                                     </del> |        | ₩                 | -        |             | +-1           |          |                    | <u> </u> | 141      | _        | $\vdash \downarrow$                              |          |          |          | -        | $\dashv$ |          | _        |
|  | 42       | ـ        | $\sqcup$      |          | <u> </u> | Щ               |          |          |          | 4        | <u> </u>     | 92       | ⊢⊢   |        | 1                 | $\vdash$ | -           | +             | _        |                    |          | 142      | <u> </u> | $\vdash \vdash$                                  | -        | _        | _        |          | -        | -        |          |
|  | 43       | ┞        | $\sqcup$      |          | <u> </u> | Ш               | $\vdash$ | $\sqcup$ | -        |          | <u> </u>     | 93       | $\vdash$   |        | ⊢                 |          |             | +             | -        |                    | <u> </u> | 143      | ├_       | $\vdash \vdash$                                  | $\dashv$ | $\dashv$ |          |          | $\dashv$ |          |          |
| <u> </u>   | 44       | 1-       | $\sqcup$      |          | <u> </u> | Ш               | Ш        |          | $\perp$  | 4:::     | <u> </u>     | 94       | $\vdash \vdash$                                  | +      | ┼                 | $\vdash$ | -           | +             | Щ        |                    | <u> </u> | 144      | -        | $\vdash \vdash$                                  | +        | -        |          |          |          |          | 긕        |
| <u> </u>   | 45       | $\vdash$ | $\sqcup$      |          | <u> </u> | Ш               | $\sqcup$ |          | _        | 4:::     |              | 95       | -  |        | -                 | $\vdash$ |             | +             |          |                    | <u> </u> | 145      | ├-       | $\vdash \vdash$                                  | -+       |          |          |          | $\dashv$ | 4        | $\dashv$ |
|  | 46       | ↓_       | $\vdash$      |          | <u> </u> |                 | $\sqcup$ |          |          | 4:::     |              | 96       | $\vdash$   |        | -                 | $\vdash$ |             | +             |          |                    |          | 146      | ⊢        | ╁╌┼  | $\dashv$ | -        |          |          | $\dashv$ | -        | $\dashv$ |
| <u> </u>   | 47       | ↓_       | $\sqcup$      |          | <u> </u> | Ш               | $\vdash$ | $\vdash$ | _        | -        | <b></b>      | 97       | ⊢⊢   | +      | -                 | $\vdash$ | +           | 4-1           |          |                    | <u> </u> | 147      | ⊢        |  | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | ᅴ        |
|  | 48       |          | $\vdash$      |          | $\vdash$ | Н               | $\vdash$ | $\vdash$ |          |          |              | 98       | $\vdash \vdash$                                  | +-     | ⊢                 | $\vdash$ | -           | +             |          |                    |          | 148      | $\vdash$ | <del>                                     </del> | -+       | -        | $\dashv$ |          | $\dashv$ | -        |          |
| <u> </u>   | 49       | 1        | $\vdash$      |          | <u> </u> | $\vdash$        | $\vdash$ | $\dashv$ | +        |          | <u> </u>     | 99       | <del>                                     </del> | +      | +-                |          |             | +-            |          |                    |          | 149      | $\vdash$ | $\vdash \vdash$                                  | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ |          |
| Ц  | 50       | 1        | $\perp \perp$ |          |          | Ш               | ᆜ        |          |          | :::      | ـــــا:      | 100      |  |        | 1                 | Ш        |             | ل_ل_ا         |          | !- <del>:</del> -: | L        | 150      |          | 1_1  |          |          |          |          |          |          |          |